

FIG. 1

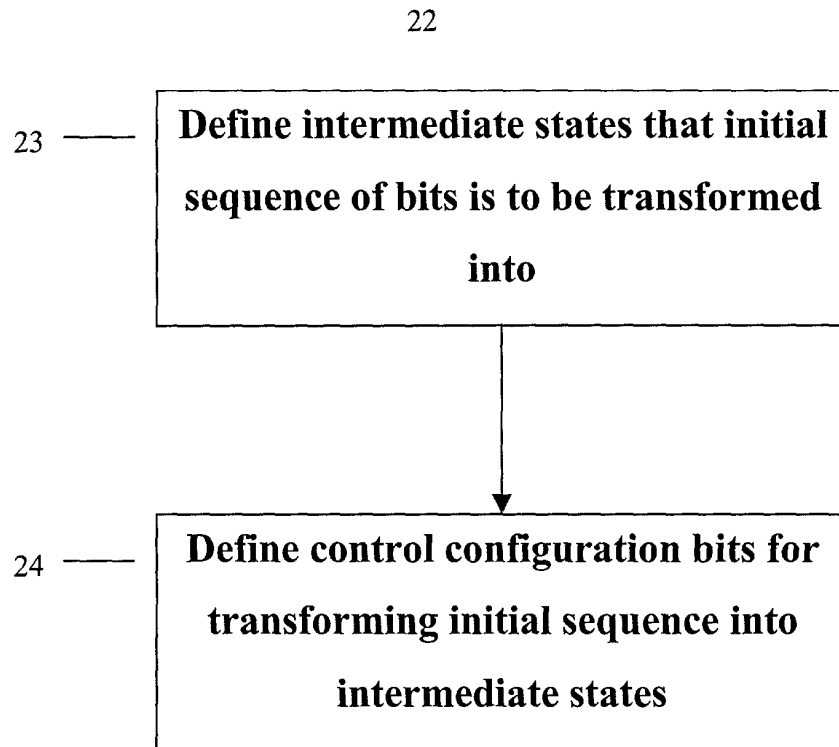


FIG. 2

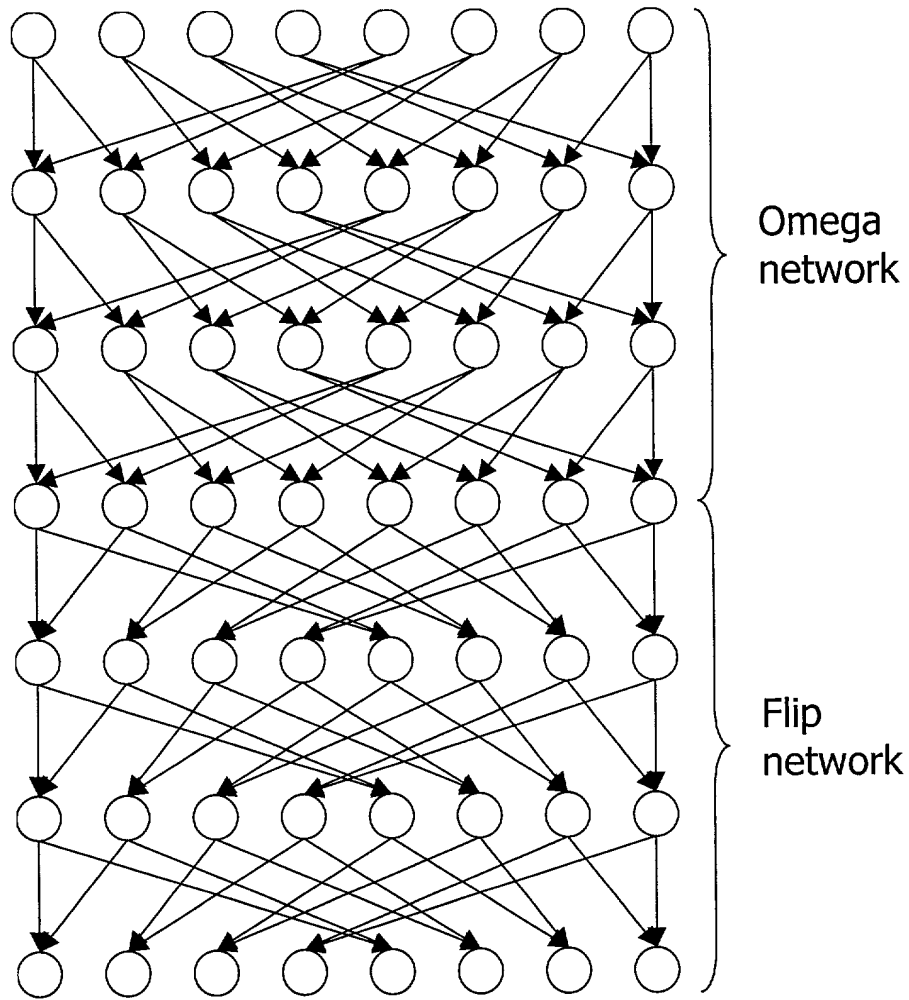


FIG. 3A

OMFLIP,01 R1, R2, R1

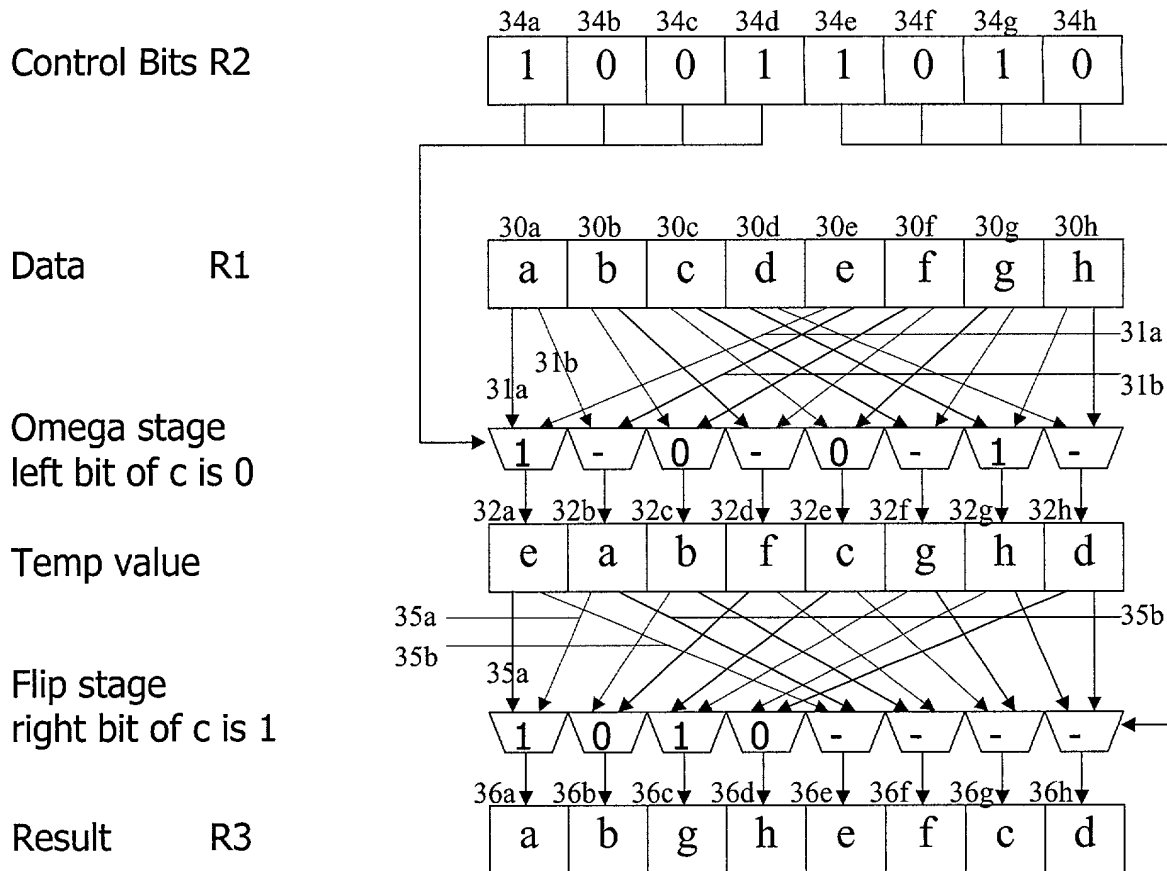


FIG. 3B

OMFLIP Instruction

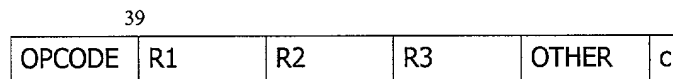


FIG. 3C

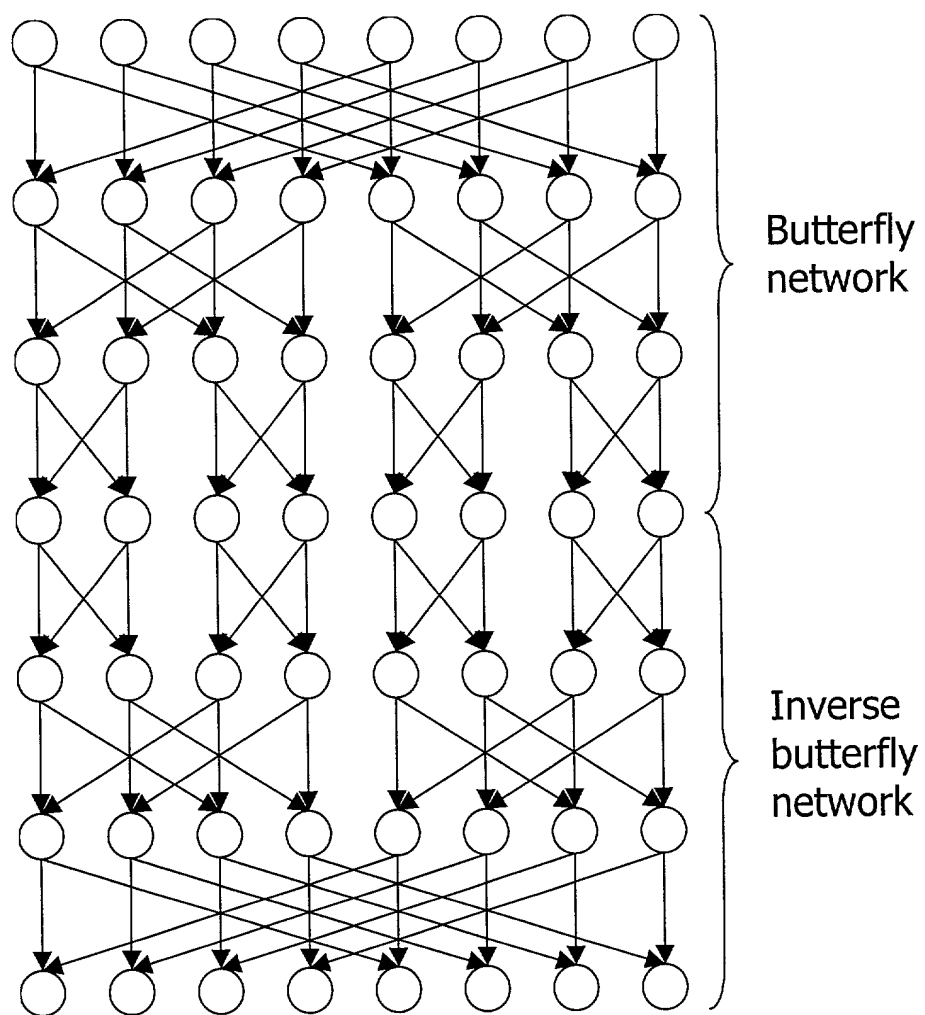


FIG. 4A

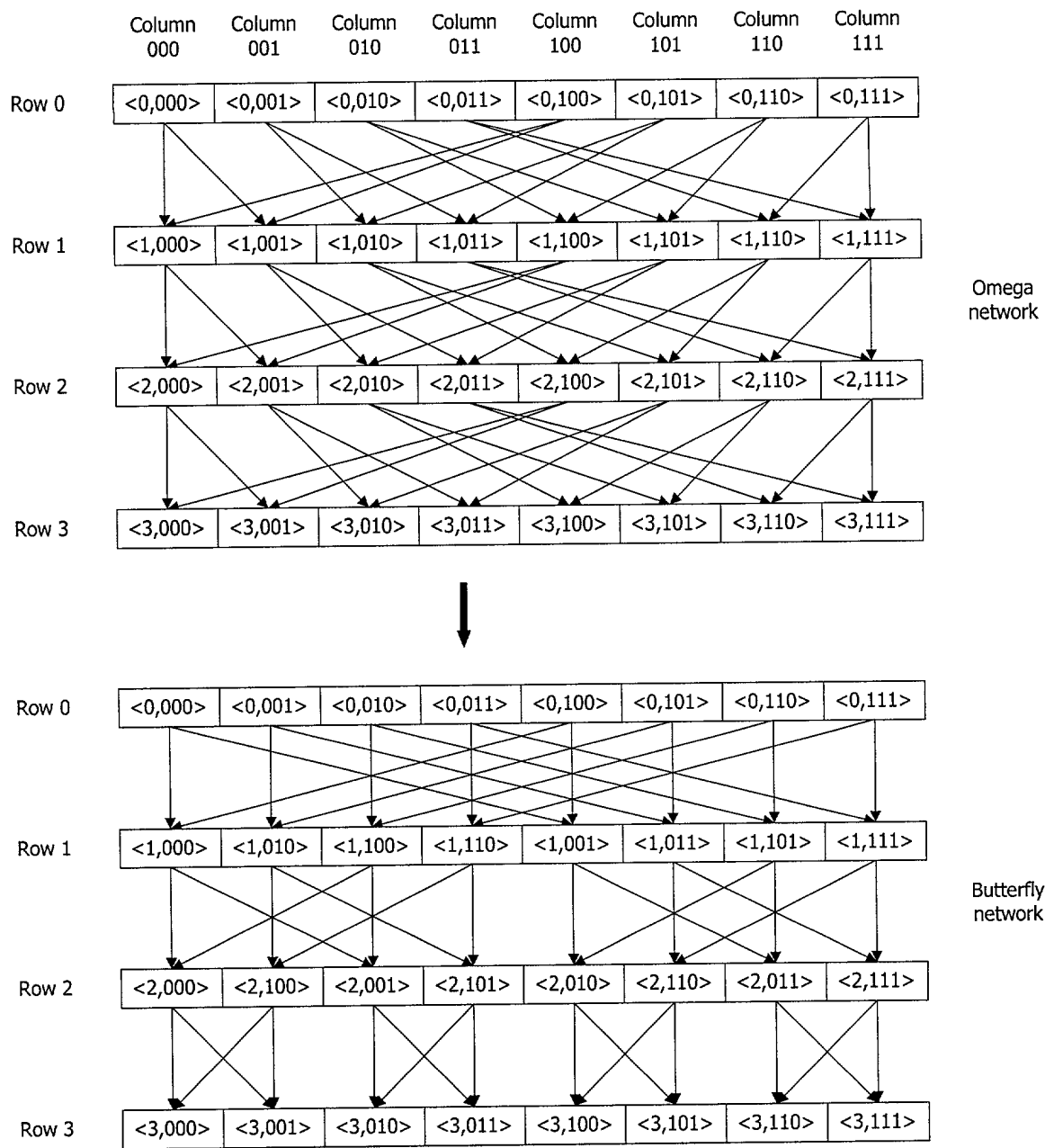


FIG. 4B

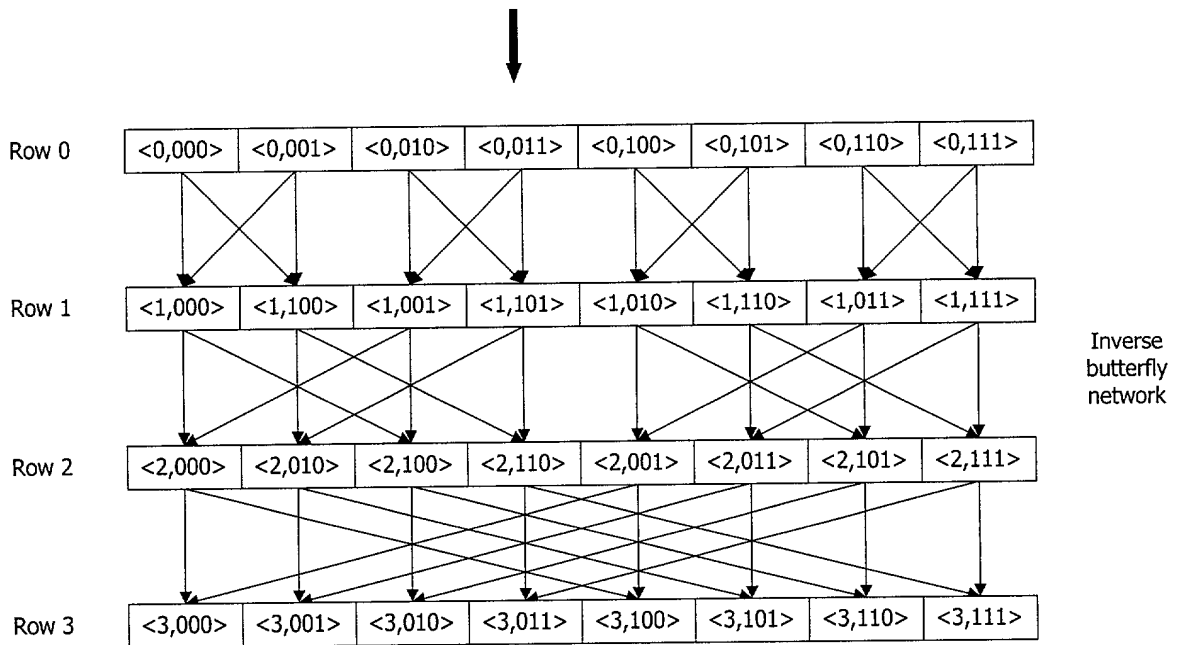
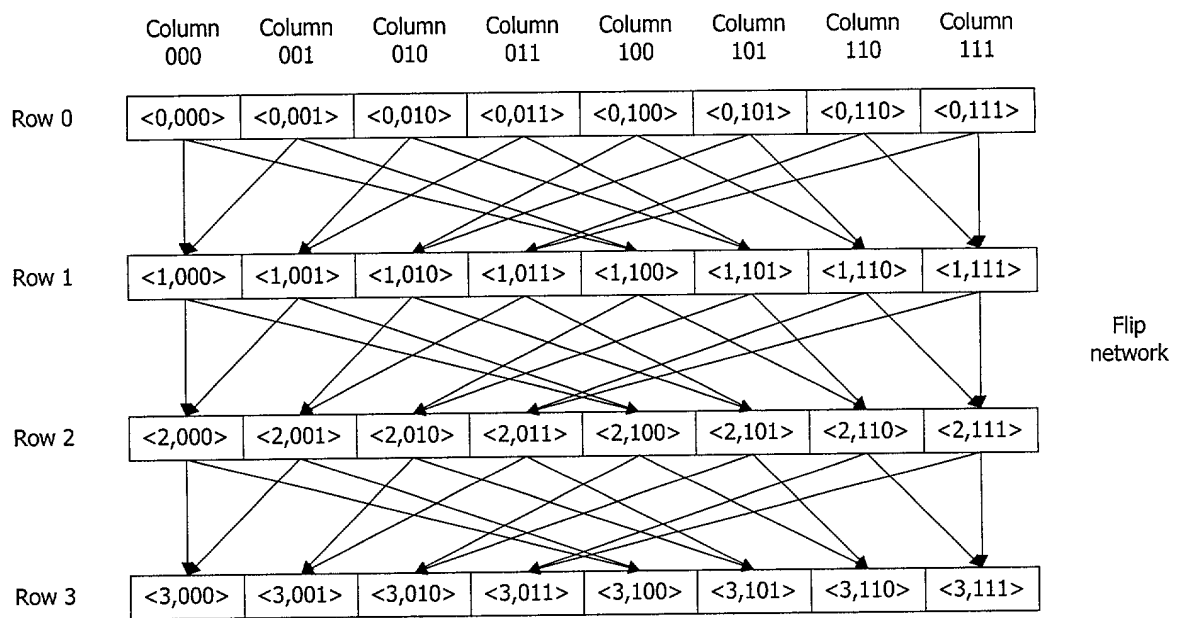


FIG. 4C

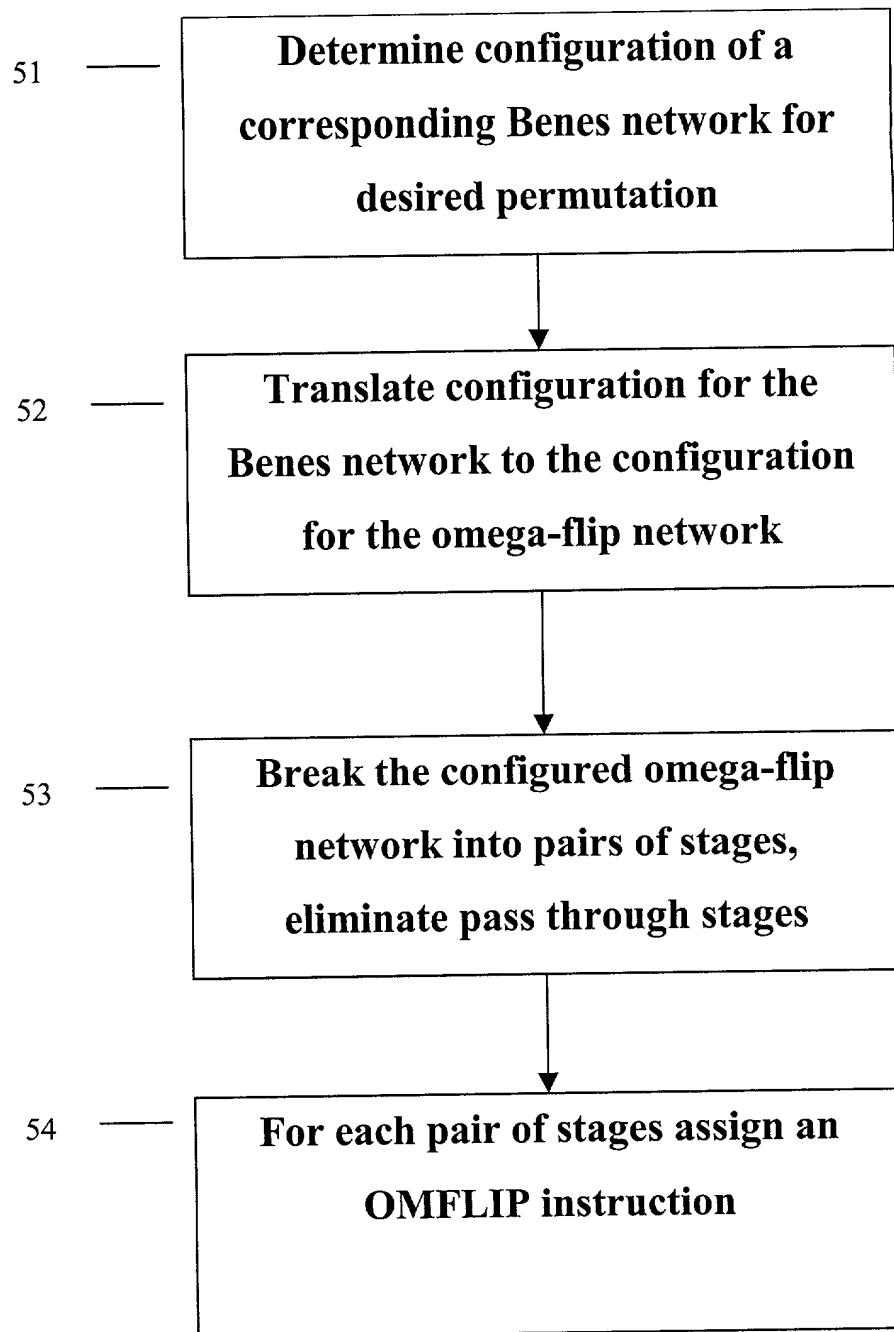


FIG. 5A

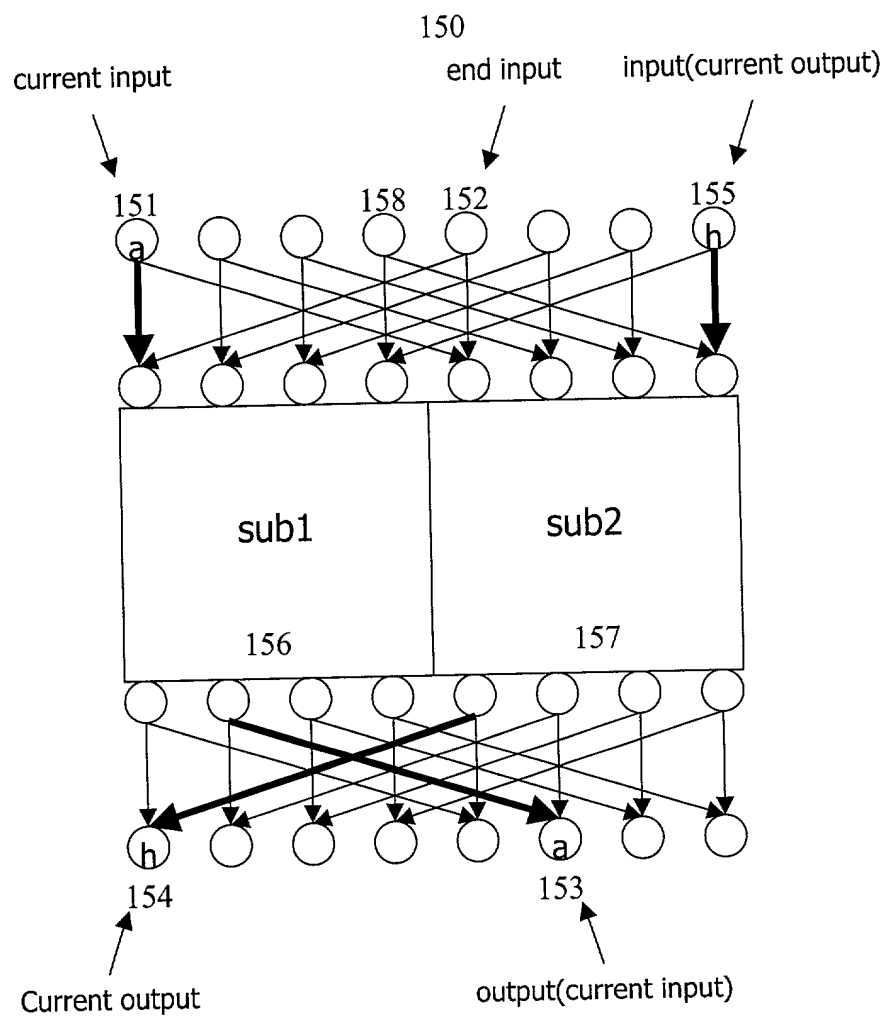


FIG. 5B

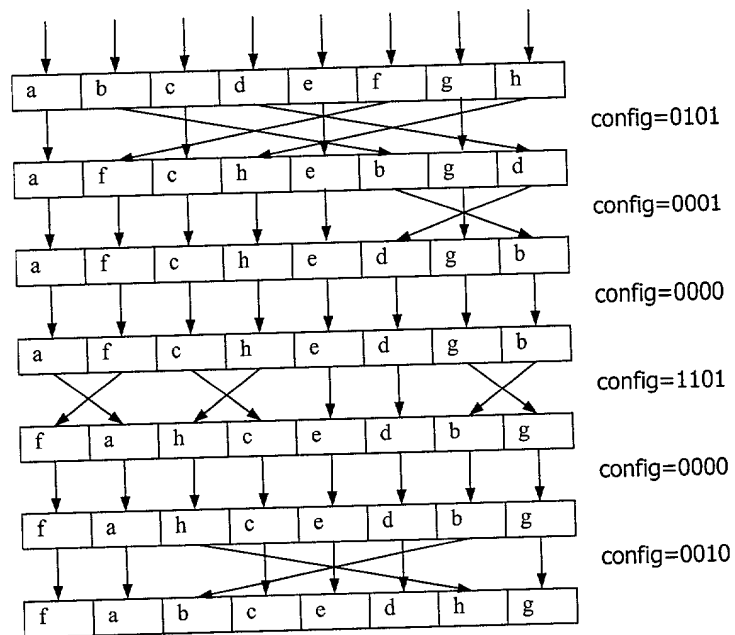


FIG. 6A

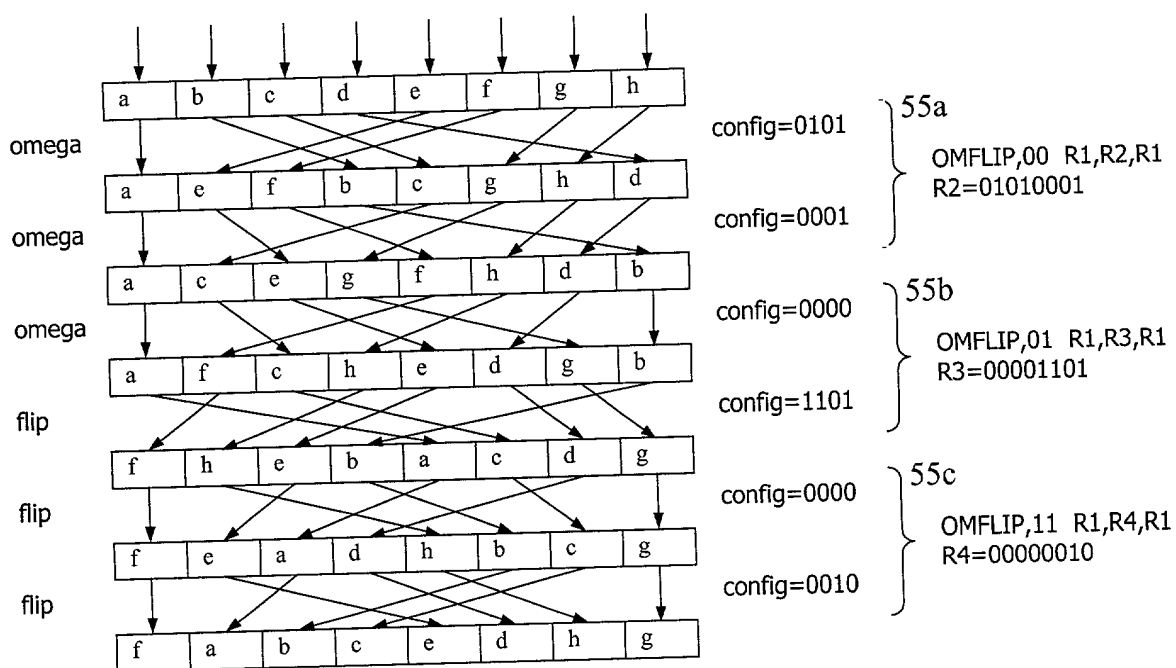


FIG. 6B

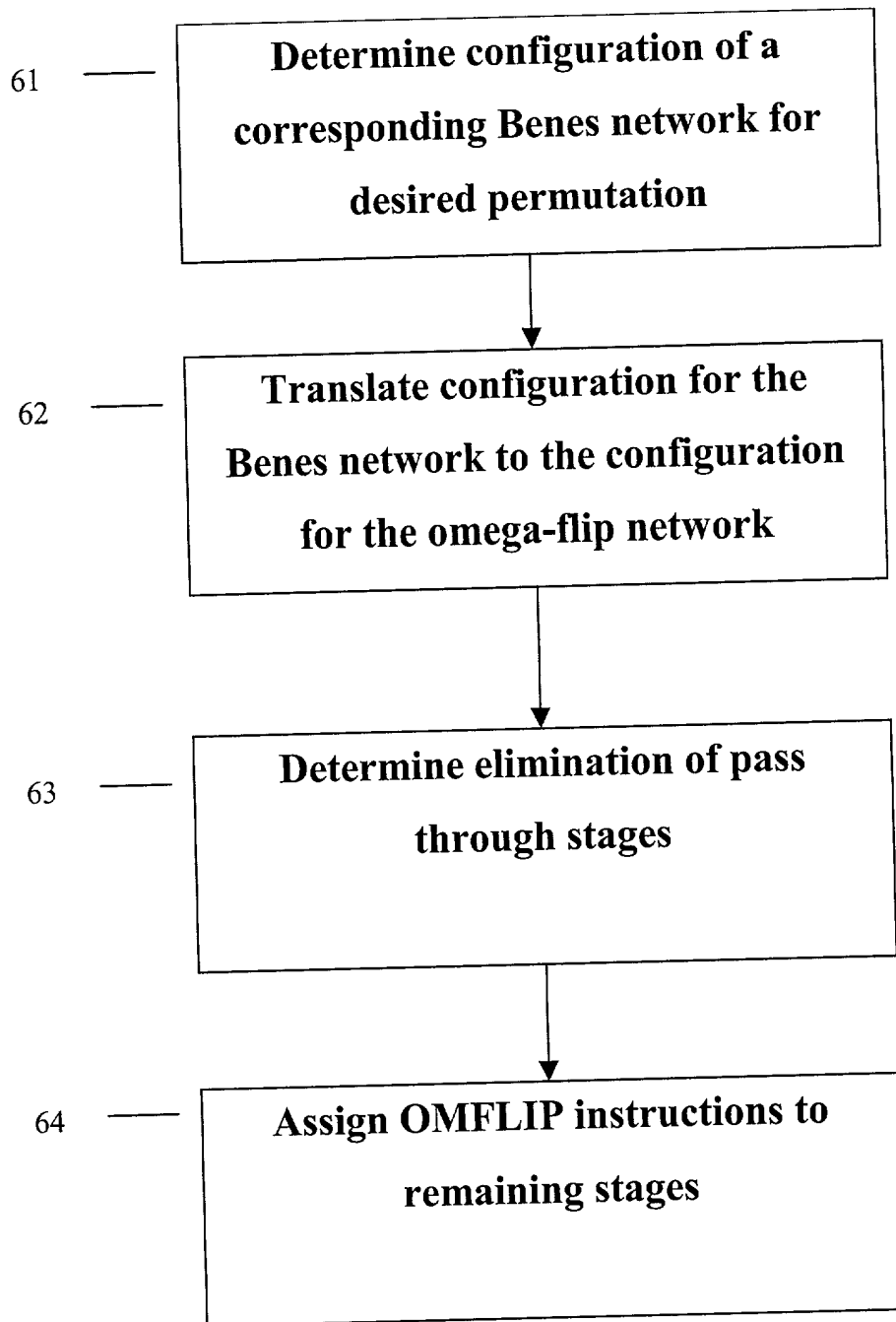
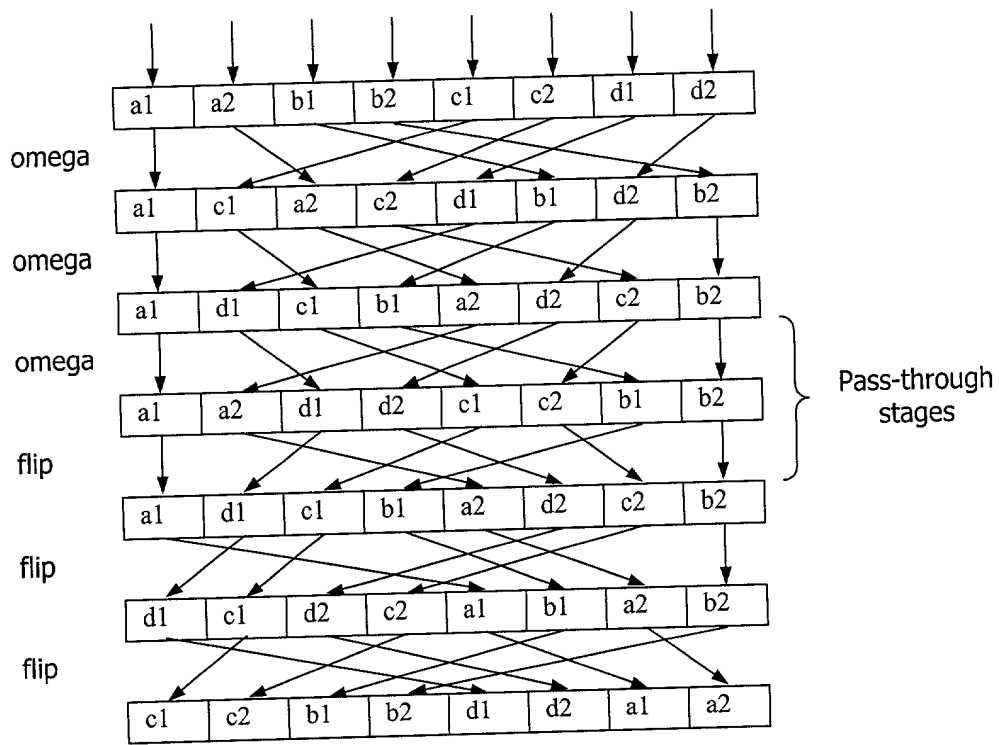


FIG. 7



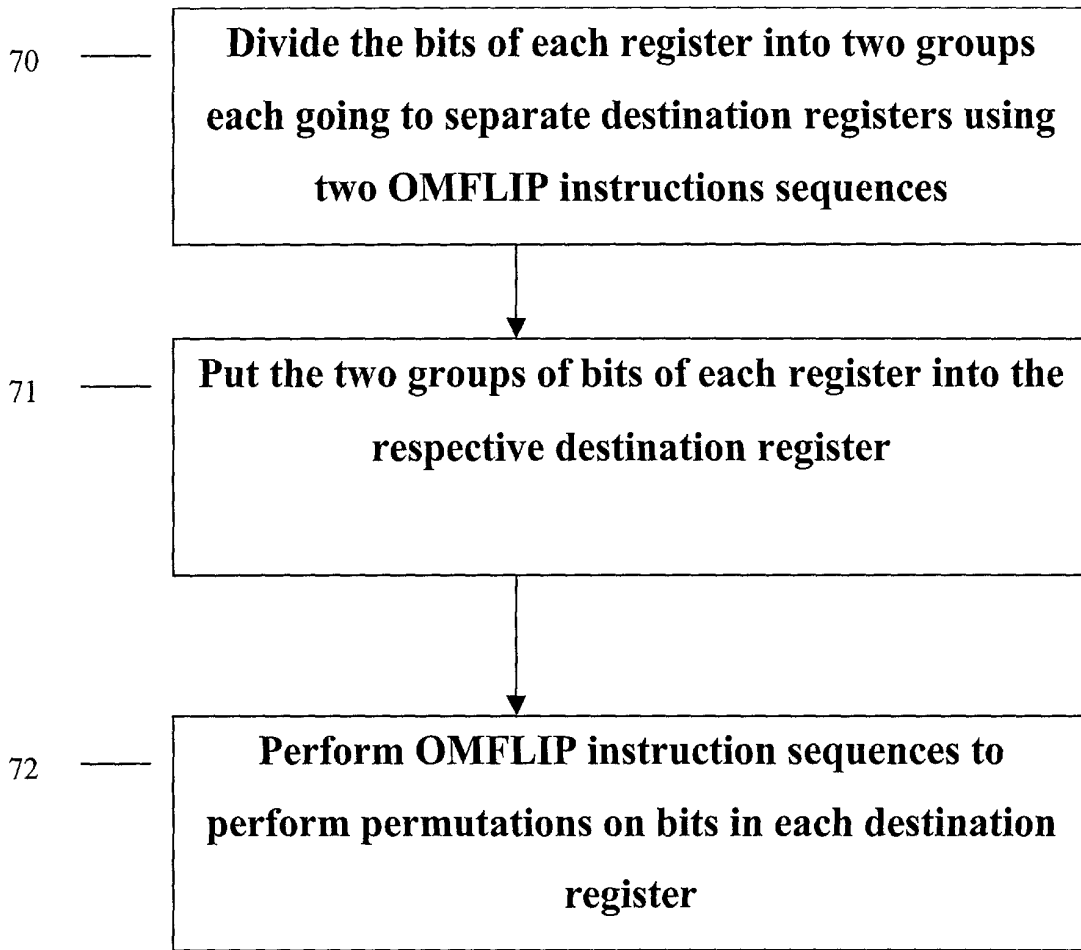


FIG. 9A

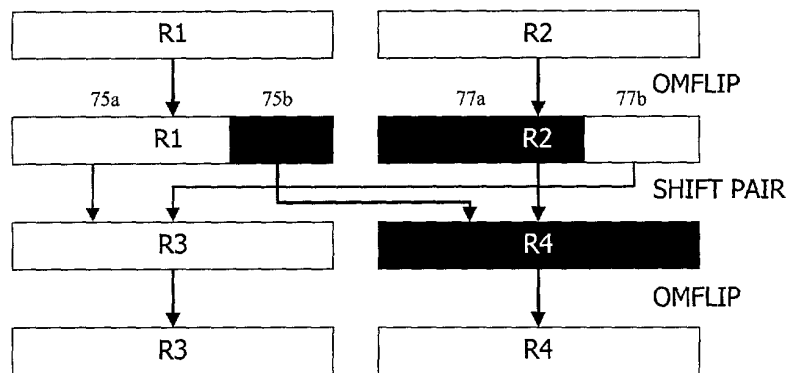
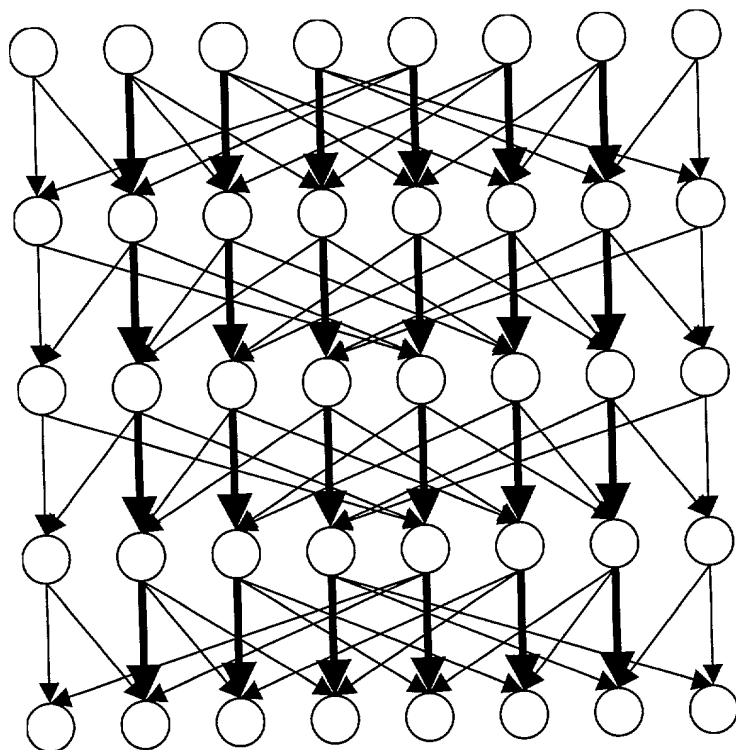


FIG. 9B

80



Omega stage

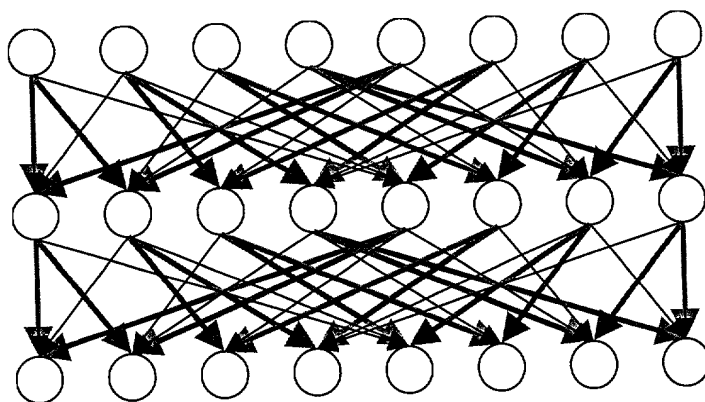
Flip stage

Flip stage

Omega stage

FIG. 10A

82



Omega+flip stage

Omega+flip stage

FIG. 10B

095038-050701

90

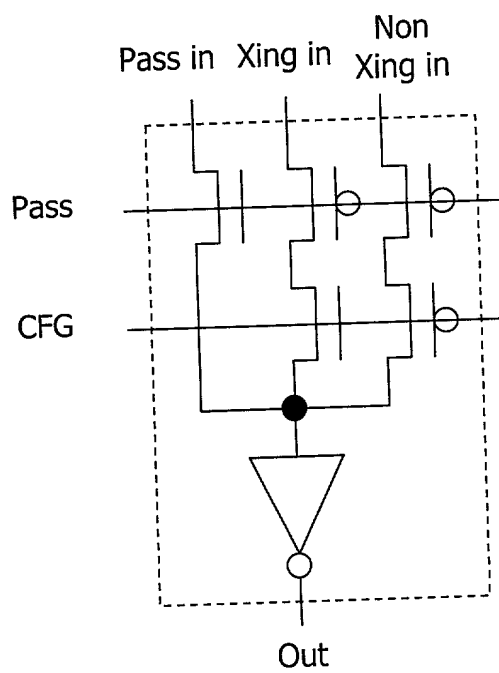


FIG. 11A

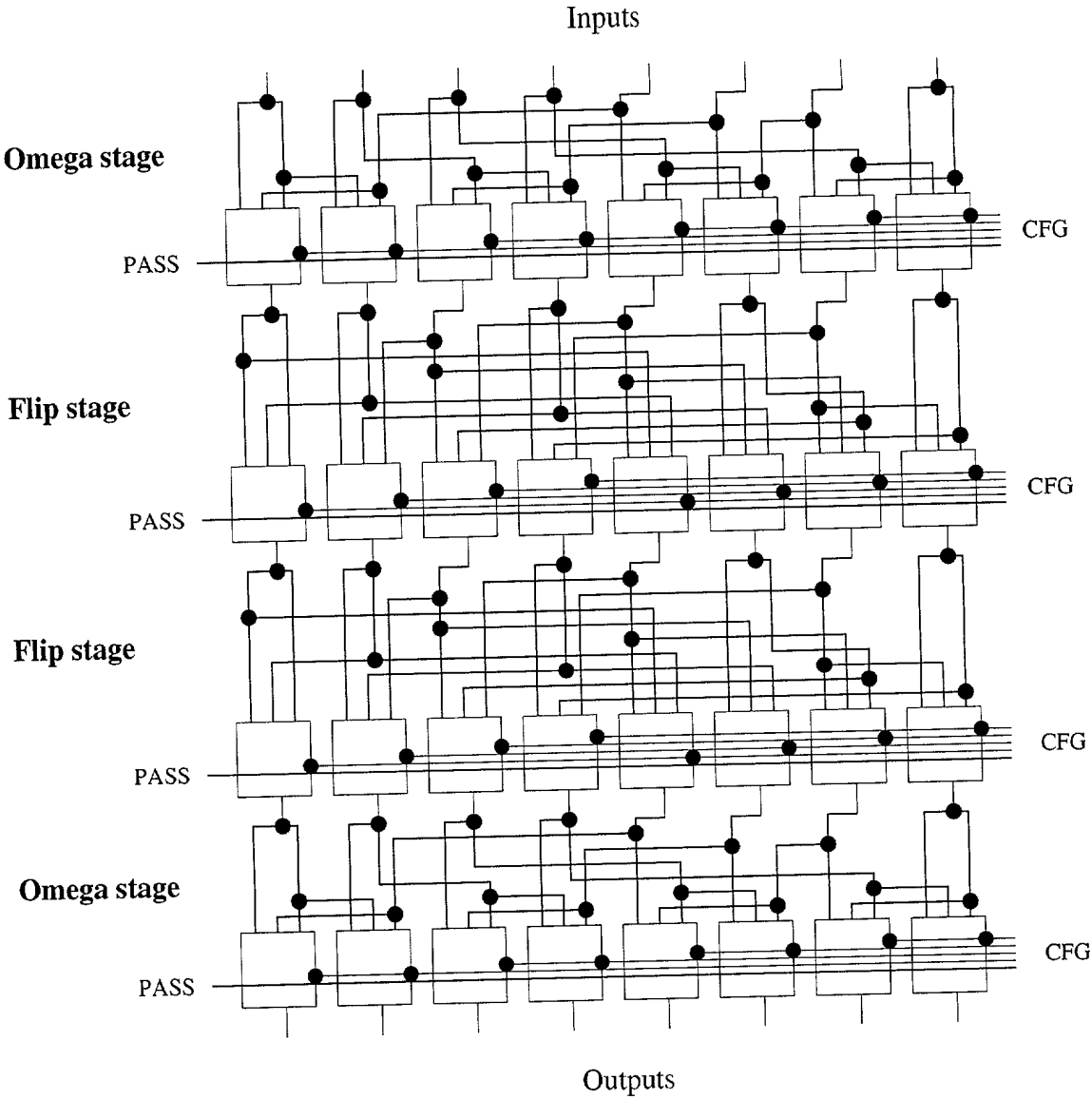


FIG. 11B

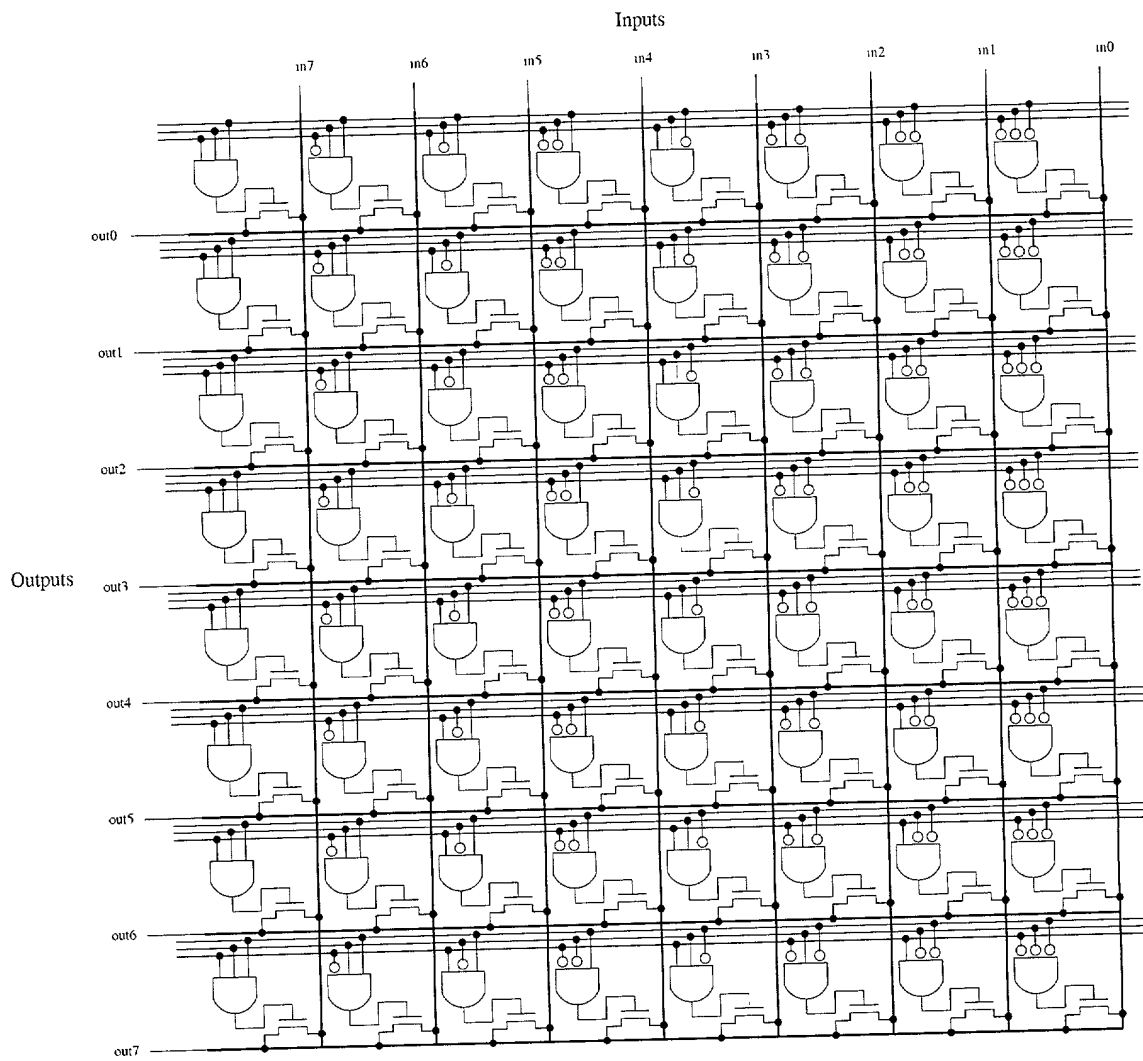


FIG. 11C

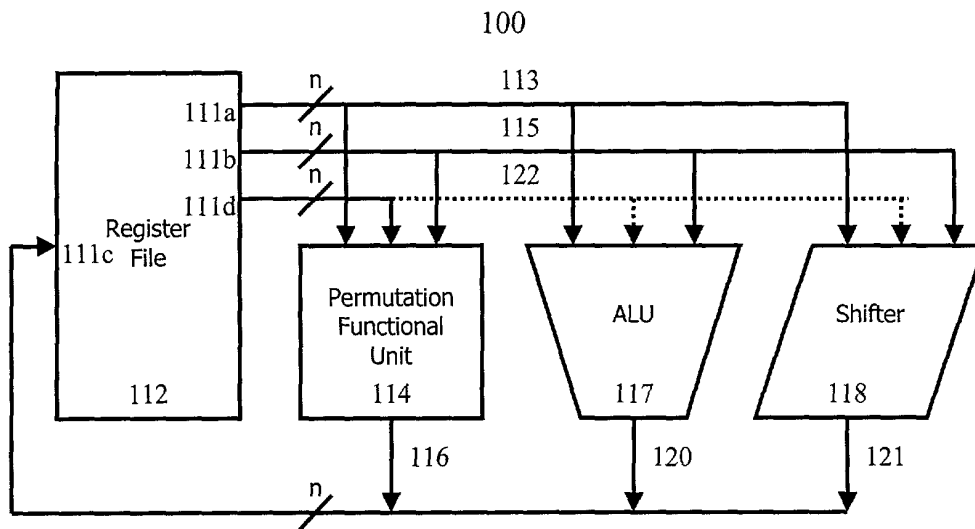


FIG. 12A

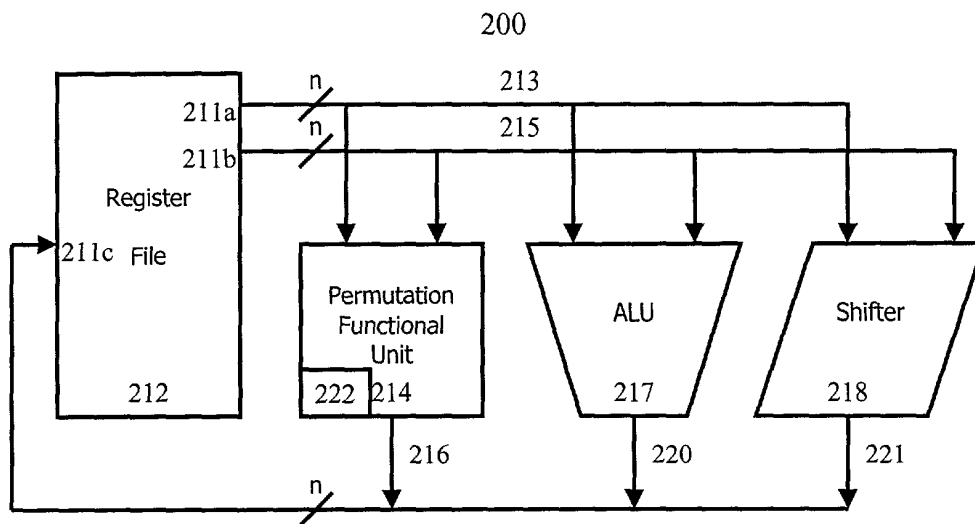


FIG. 12B

FIG. 13